

TG without compromise: Top quality and perfect planarity with the Glaston FC 500™



Not everybody can produce sheets like this: three-layer, large format stepped IGU



EUROVIEW Managing Director Steve Larvin (left) knows how to make an insulated glass plant fit for the commercial sector. Right: Pontus Levin, A+W Sales Director for North-Eastern Europe, also provides customer support for EUROVIEW.

From Village Glass to EUROVIEW: A company reinvents itself

Only the most capable insulated glass manufacturers dare to take on project business involving high-tech glazing for buildings and facades. An independent company in Witham (Essex, England) has faced this challenge and invested £4m in production space, technology, and premium software in order to play in the highest league. More precisely, all the way at the top.

When Steve Larvin was named Managing Director in 2016, it was clear that Village Glass was about to redefine itself. That same year, the company left the private sector and started concentrating exclusively on the commercial and public sectors: Village Glass was rebranded EUROVIEW, a modern company with a new, fresh corporate identity and the highest standards for quality and delivery reliability for even complex IG structural elements. Instead of focusing on single-family houses, the company now handles projects such as schools, hospitals, sport centers and office towers.

Steve has many years' experience in the high-end project business. He is more familiar than almost anyone else with the challenges and knows how to master them successfully. "The trick is speeding up delivery times and creating the highest quality – even for the most complex products. We want to become the leading glass supplier in the UK."

Consistent renewal – intelligent networking

In record time, he reorganized production – especially the company's logistics. "Software is the company's brain and backbone," says Steve.

"Our old system did not meet the new requirements." It was replaced by a comprehensive solution from A+W Software.

Steve is familiar with A+W's products down to the smallest details and he knows to use them optimally. Together with the German software provider's experts, the commercial and technical systems are being installed and optimized for EUROVIEW's processes.

Comprehensive networking with the best industry software provides the prerequisites for controlling complex commercial flows reliably and guiding the entire renovated machine park so it can achieve the highest output.

All data that is entered into the ERP system A+W Business is now available everywhere at the company. It can be used for more than just commercial and administrative purposes. The entire operation's capacity and production planning, as well as production control, is based on this data. After the transfer to production, it is used for cutting optimization. This same data is accessible via monitors in production and is the basis for machine control. "In the end, for successful company controlling, the concern is always data," explains Steve Larvin.

Production equipment from GLASTON, FOREL, HEGLA, LISEC and CMS was not only installed in 2017, it was also successfully put into real-time operation. The CNC machines and insulated glass production are controlled in real time by intelligent and bi-directional A+W interfaces. A+W Production monitors while continuous barcoding informs, registers and initiates the production processes.

By networking the best machine technology and the most intelligent software, EUROVIEW has been able to deliver the greatest performance and shortest delivery times in the industry with the greatest quality and flexibility. Steve Larvin, "Most of our competitors have delivery times of four to six weeks. We guarantee two weeks at a maximum. Customers who need their products very quickly come to EUROVIEW because they can be sure that we will keep this promise without compromising when it comes to quality."

The best service for demanding customers

EUROVIEW's customers are predominantly builders, façade and metal workers. As an independent supplier, EUROVIEW has unlimited access to all types of glass from all providers, which represents another advantage for customers: not every insulated glass manufacturer has all common types of glass in stock in jumbo format and can get other types at any time. This is how EUROVIEW can deliver any requested sheet structure requested.

Architects and construction engineers also need reliable insights for complex projects. EUROVIEW implements solutions and offers extensive technical assistance up front. The company specifies glass requirements, conducts detailed load and risk analyses using special software, and ensures that the glass adheres to all standards and regulations. This is how the company acquires customers and makes them loyal for the long run.



Controlled via network: an A+W Production monitor on the vertical LSG cutting line



Order entry with A+W Business. The data is immediately available in all areas of the company.



Quick throughput processing with the CMS CNC processing center



Minimal waste and the greatest flexibility with the A+W Realtime Optimizer. The HEGLA Remaster is incorporated into intelligent cutting control.

High-tech cutting

Smooth, efficient production always begins with intelligently organized cutting. At EUROVIEW, the A+W Realtime Optimizer provides the best yield and greatest flexibility. This high-tech optimization solution can chain production flows, split up large batches and create new batches. Interventions by the machine operator are possible at any time. Rush orders and remakes are integrated without problems.

The focus on jumbo stock dimensions has advantages with respect to performance and yield. A portal crane feeds both the float and LSG cutting tables from an automatic compact storage system. First cuts are held directly in a state-of-the-art Remaster residual sheet storage system and, controlled by the A+W Realtime Optimizer, fed selectively into cutting. This is performed entirely without manual labor, which creates a quick and cost-effective process. The residual sheets remain available on the production line and can be processed rapidly at a later time.

A leader thanks to premium TG technology

The demand for safety glass is growing exponentially. EUROVIEW, with the GLASTON FC500™ and integrated iLook™ online quality scanner, is more than just a nose ahead of its competitors. Upstream, there is a vertical CNC processing line for quick and precise grinding, milling and drilling.

“We produce the best TG in the UK and we can prove this,” explains Steve. “We load data about planarity, roller wave and edge lift from the iLook, and it is available in our IT system at all times. Our customers are enthusiastic about this quality management because it gives them the greatest security for their projects.”

Transparent sheet tracing

Secure internal logistics and reliable delivery demand complete transparency about the status of sheets, batches and orders, and rack loading.

Using the A+W barcode system, EUROVIEW updates the sheet status at each production station and reports the updates to the production database. With this system, broken sheets are also reported, and remakes initiated: This is an automatic, efficient and fast way to work.

Sheet status is also available in order entry and administration. Upon request, the customer can get immediate information about the status of an order while company management has a perfect overview of the order's progress.

The driver scans each rack upon delivery. Because barcoding makes it clear which sheets are on the rack, EUROVIEW can trace each individual sheet for delivery.

On the way to Industry 4.0

The systemic integration of data within the whole company is the most important prerequisite for EUROVIEW's success. Whether the data is produced on the commercial level in A+W Business or during production, whether by people or machines at EUROVIEW, it is used and evaluated consistently thanks to the A+W Software.

They are the basis of crucial company decisions. The way the company uses its data from the TG production system is a perfect example of how information helps in making strategic decisions. Data can be shared across the entire company, with customers and even potential customers. This is how Euroview has become a leader in Industry 4.0.

A+W Managing Director Peter Dixon, “With increasing digitalisation, ordering, production, and delivery processes based on a uniform data platform will organise themselves ever more independently and optimise themselves constantly with each process step. Steve and his team understand this. EUROVIEW is already a ‘Smart Factory’ and it is getting better every day!”



The GLASTON FC500™ with integrated iLook™ online quality scanner guarantees the best quality and shortest delivery times



A+W Production Monitor on the inspection point of the insulated glass line: sheet structure, position and correct orientation of the layer are clearly displayed

► Contact: www.euroview.glass